

CLAIMS

1. A data communication method for transmitting a command and its response of a specified type between a device and other device which are capable of transmitting data bi-directionally in a specified wireless or cable-based transmission network,

wherein a side receiving said command executes an action instructed by the command.

2. The data communication method as claimed in claim 1, wherein a code for specifying said network is attached to data of said command and response.

3. The data communication method as claimed in claim 2, wherein data by type to control is attached to data of said command and response.

4. The data communication method as claimed in claim 3, wherein as said data by type to control, data about transmission setup of stream data and data about device control exist.

5. The data communication method as claimed in claim 4, wherein when data about transmission setup of said stream data is attached and transmission of stream data is instructed, transmission of an appropriate stream data is carried out through a second channel in said network.

6. A data transmitting apparatus connected to a specified wireless or cable-based transmission network, comprising:

a control means for generating a command and a response of a specified type; and

a transmitting means for transmitting a descriptor type command and response generated by said control means through a first channel of said network.

7. The data transmitting apparatus as claimed in claim 6, wherein a code for specifying said network is attached to data of a command or a response generated by said control means.

8. The data transmitting apparatus as claimed in claim 7, wherein data by type to control is attached to data of a command or a response generated by said control means.

9. The data transmitting apparatus as claimed in claim 8, wherein data by type to control generated by said control means is any one of two types of data, data about transmission setup of stream data and data about device control.

10. The data transmission apparatus as claimed in claim 9, wherein when data about transmission setup of stream data is attached to data of the command or the response generated by said control means, transmission of stream data is instructed and then a setup based on the instruction is completed, said transmitting means executes transmission of said stream data through the second channel of said network.